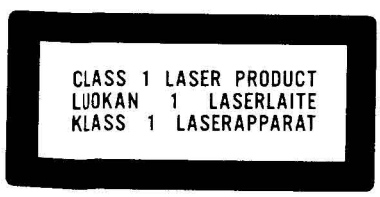
Model CD-10 User Guide

Compact Disc Player



ENGLISH

WARRANTY
For warranty information, contact your local Marantz distributor.

RETAIN YOUR PURCHASE RECEIPT
Your purchase receipt is your permanent record of a valuable purchase. It should be kept in a safe place to be referred to as necessary for insurance purposes of when corresponding with Marantz.

IMPORTANT
When seeking warranty service, it is the responsibility of the consumer to establish proof and date of purchase. Your purchase receipt or invoice is adequate for such proof.

FOR U.K. ONLY
This undertaking is in addition to a consumer's statutory rights and does not affect those rights in any way.

FRANÇAIS

GARANTIE
Pour des informations sur la garantie, contacter le distributeur local Marantz.

CONSERVER L'ATTESTATION D'ACHAT
L'attestation d'achat est la preuve permanente d'un achat de valeur. La conserver en lieur sur pour s'y reporter aux fins d'obtention d'une couverture d'assurance ou dans le cadre de correspondances avec Marantz.

IMPORTANT
Pour l'obtention d'un service couvert par la garantie, il incombe au client d'établir la preuve de lachat et d'en corroborer la date. Le reçu ou la facture constituent des preuves suffisantes.

DEUTSCH

GRANTIE
Bei Garantiefragen wenden Sie sich bitte an Ihren Marantz-Händler.

HEBEN SIE IHRE QUITTUNG GUT AUF
Die Quittung dient Ihnen als bleibende Unterlage für Ihren wertvollen Einkauf Das Aufbewahren der Quittung ist wichtig, da die darin enthaltenen angaben für Versicherungszwecke oder bei korrespondenz mit Marantz angeführt werden müssen.

WICHTIG!
Bei Garantiefrangen muß der Kunde eine Kaufunterlage mit kaufdatum vorlegen. Ihre Quittung oder Rechnung ist als Unterlage ausreichend.

NEDERLANDS

GRANTIE
Voor inlichtingen omtrent garantie dient u zich tot uw plaatselijke Marantz handelaar te wenden.

UW KWITANTIE, KASSABON E.D. BEWAREN
Uw Kwitantie, kassabon e.d. vormen uw bewijs van aankoop van een waardevol artikel en dienen op een veilige plaats bewaard te worden voor evt, verwijzing bijv, in verband met verzekering of bij correspondentie met Marantz.

BELANGRIJK
Bij een evt, beroep op de garantie is het de verantwoordelijkheid van de consument een gedateerd bewijs van aankoop te tonen. Uw kassabon of factuur zijn voldoende bewijs.

ITALIANO

CONDIZIONI DI GARANZIA
L'apparecchio e' garantito per 365 giorni dalla data di acquisto comprovata da un documento attestante il nominativo del rivenditore e la data di vendita. La garanzia sara' prestata con la sostituzione o riparazione gratuita delle parti difettose.

Non sono coperti da garanzia difetti derivanti da uso improprio, errata installazione, manutenzione effettuata da personale non autorizzato o, comunque, da circostanze che non passano riferirsi a difetti di funzionamento dell'apparecchio.
Sono inoltre esclusi dalla garanzia gli interventi inerenti l'installazione e l'allacciamento agli impianti di alimentazione.

Gli apparecchi verranno riparati presso i nostri Centri di Assistenza. Le spese ed i rischi di trasporto sono a carico del cliente.

La casa costruttrice declina ogni responsabilita' per danni diretti o indiretti provocati dalla inosservanza delle prescrizioni di installazione, uso e manutenzione dettagliate nel presente manuale.

Per informazioni sull'abbonamento al servizio Assistenza postgaranzia e per conoscere l'indirizzo dei Centri Assistenza Marantz rivolgetevi al nostro servizio consumatori (telefono 1678-20026 – numero verde).

PORTUGUÊS

GARANTIA
Para informações sobre a garantia, contactar o distribuidor Marantz local.

GUARDAR O RECIBO DE COMPRA
O recibo é o registo permanente da compra que fez. Deve ser guardado num local seguro, para ser apresentado em questões relacionadas com o seguro ou para quando tiver de contactar a Marantz.

IMPORTANTE
Quando procurar assisténcia técnica ao abrigo da garantia, é da responsabilidade do consumidor estabelecer a prova e data de compra. O recibo é prova adequada.

SVENSKA

GARANTI
För information om garantin, kontakta Marantz lokalagent.

SPAR KVITTOT
Kvittot är inköpsbevis på en värdefull vara. Det skall förvaras säkert och hänvisas till vid försäkringsfall eller vid korrespondens med Marantz.

VIKTIGT
För att garantin skall gälla är det kundens sak att framställa bevis och datum om köpet.
Kvitto elle faktura är tillräokligt bevis för detta.

ESPAÑOL

GARANTIA
Para información sobre las Condiciones de Garantía, sírvase consultar el Certificado que encontará en le interior del embalaje del equipo.

CONSERVE EL COMPROBANTE DE LA COMPRA
La factura es el comprobante de la adquisición de un producto valioso. Consérvela en lugar seguro para poder consultarla en caso necesario.

IMPORTANTE
Para disponer de servicios cubiertos por la garantía, el usuario deberá acreditar la fecha y el lugar de adquisición del equipo. La factura o recibo de la compra constituyen un comprobante válido a tal efecto.

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ENGLISH:	This unit meets the requirements of EEC Recommendation 82/499.
FRANÇAIS:	Cet appareil est conforme aux directives 82/499 de la CEE.
DEUTSCH:	Dieses Gerät entspricht der EWG - Empfehlung 82/499.
NEDERLANDS:	Dit apparaat voldoet aan de eisen van Aanbeveling EEG 82/499.
ITALIANO:	Questo apparecchio è conforme ai requisiti della direttiva CEE 82/ 499.
PORTUGUÊS:	Esta unidade foi concebida e manufacturada em conformidade com a Recomendação 82/499 da Conmunidade Económica Europeia.
SVENSKA:	Denna apparat överenstämmer med bestämmelserna i ÉEC 82/499.
ESPAÑOL:	Este equipo cumple las Directrices 82/499 de la C.E.E.

ENGLISH:
CAUTION – USE OF CONTROLS OR ADJUSTMENTS OR PERFORMNCE OF PROCEDURES OTHER THAN THOSE SPECIFIED HEREIN MAY RESULT IN HAZARDOUS RADIATION EXPOSURE.

FINNISH:
VAROITUS! Laitteen käyttäminen muulla kuin tässä käyttöohjeessa mainitulla tavalla saattaa altistaa käyttäjän turvallisuusluokan 1 ylittävuälle näkymättömälle lasersäteilylle.

SWEDISH:
VARNING! Om apparaten används påannat sätt än vad som beskrivs 1 denna bruksanvisning kan användaren utsättas för osynlig laserstrålning som overskrider gränsen för laserklass 1 .

ENGLISH

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FOREWORD

This section must be read carefully before any connection is made to the mains supply.

WARNINGS

Do not expose the equipment to rain or moisture.

Do not remove the cover from the equipment.

Do not insert anything into the equipment through the ventilation holes.

Do not handle the mains lead with wet hands.

EQUIPMENT MAINS WORKING SETTING

Your Marantz product complies with the household power and safety requirements in your area.
"/02" Version product can be powered by 230 V AC only.
"/05" or "/07" Version product can be powered by 240 V AC only.
This is a voltage selector (2-position or 4-position) on the rear panel of the "/01" Version product,. Be sure to set the voltage selector to the mains voltage of your area before using the unit.

IMPORTANT:

This apparatus is fitted with an approved moulded 13 Amp plug.
To change a fuse in this type of plug proceed as follows:
1. Remove fuse cover and fuse.
2. Fix new fuse which should be a BS1362 5A, A.S.T.A. or BSI approved type.
3. Refit the fuse cover.

If the fitted plug is not suitable for your socket outlets, it should be cut off and an appropriate plug fitted in its place.
If the mains plug contains a fuse, this should have a value of 5A.
If a plug without a fuse is used, the fuse at the distribution board should not be greater than 5A.
NOTE: The severed plug must be destroyed to avoid a possible shock hazard should it be inserted into a 13A socket elsewhere.

HOW TO CONNECT A PLUG

The wires in the mains lead are coloured in accordance with the following code:
BLUE–"NEUTRAL" ("N")
BROWN–"LIVE" ("L")
1. The BLUE wire must be connected to the terminal which is marked with the letter "N" or coloured BLACK.
2. The BROWN wire must be connected to the terminal which is marked with the letter "L" or coloured RED.
3. Do not connect either wires to the earth terminal in the plug which is marked by the letter "E" or by the safety earth symbol ⏚ or coloured green or green-and-yellow.

Before replacing the plug cover, make certain that the cord grip is clamped over the sheath of the lead — not simply over the two wires.

COPYRIGHT

Recording and playback of some material may require permission. For further information refer to the following:
- Copyright Act 1956
- Dramatic and Musical Performers Act 1958
- Performers Protection Acts 1963, and 1972
- Any subsequent statutory enactments and orders

ABOUT THIS USER'S GUIDE

Refer to the figures on the pages at the back of this user's guide. The callout numbers on the figures correspond to those found in the text.

- **Some of the operations described in this user's guide can only be operated from the remote control unit. In the description of controls, the names of the buttons which are available on both the main unit and the remote control unit are enclosed in ▭, and the names of the buttons which are available only on the remote control unit are enclosed in ⬭.**

PRECAUTIONS

The following precautions should be taken when operating the equipment.

GENERAL PRECAUTIONS

When installing the equipment ensure that:

- the ventilation holes are not covered.
- air is allowed to circulate freely around the equipment.
- it is placed on a vibration-free surface.
- it will not be exposed to excessive heat, cold, moisture or dust.
- it will not be exposed to direct sunlight.
- it will not be exposed to electrostatic discharges.

In addition, never place heavy objects on the equipment.

If a foreign object or water does enter the equipment, contact your nearest dealer or service center.

Do not pull out the plug by pulling on the mains lead; grasp the plug.

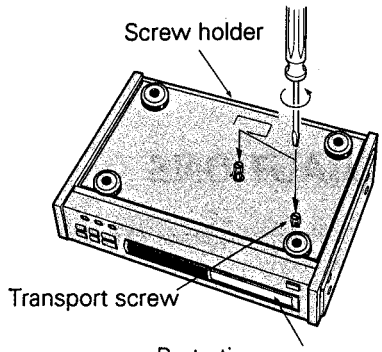
It is advisable when leaving the house, or during a thunderstorm, to disconnect the equipment from the mains supply.

TRANSPORT SCREWS

After unpacking the product ...
The CD-10 Compact Disc Player incorporates a precision pickup mechanism. When the unit leaves the factory, this mechanism is secure with two screws to prevent damage during transport. After unpacking the product, be sure to remove these screws and also the protective cover attached on the front of the disc tray, and attach them onto the screw holder on the rear panel. The screws and protective cover are necessary when the unit is to be transported again for removal or servicing. Please retain them carefully.

Caution
Operating the unit without removing the transport screws may cause damage to the unit. Be sure to remove the transport screws before turning on the power of the unit.
Be sure to remove the protective cover before use.

Remove the transport Screws (x2) using a screwdriver.



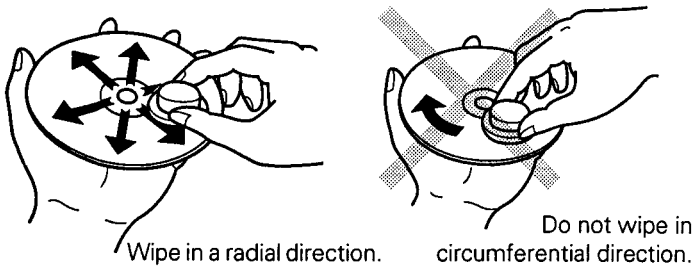
COMPACT DISCS

The glossy side shining like a rainbow is the front side of the disc, and the side on which the label is printed is the back.
Unlike conventional turntables for playing analog discs, the CD-10 Compact Disc Player reads the information recorded on the disc from underneath without contacting it using a beam of laser light. Therefore, the performance of a compact disc will not degrade like conventional analog records.

Handle discs carefully so as not to damage or scratch the front side.

To protect the disc, avoid placing it in the following locations:
- In direct sunlight or near a source of heat like a heater.
- In a place which is damp or dirty.
- In a place which could be exposed to rain, such as near a window.

Always keep the disc surface clean.
Up to six billion data units are recorded on the front side of the disc. When cleaning the disc surface, always be sure to use a special compact disc cleaner and wipe as shown below.



- Do not use conventional record cleaner for analog records, as this will adversely affect the disc surface.

Store discs properly by placing them in their disc cases.

CONTROLS, CONNECTORS AND INDICATORS

① **POWER switch**
Press to switch the power ON, and press again to switch it OFF.

② **Disc tray**
Place the Compact Disc to be played with its label side facing upward.

③ **Display panel**
Shows various operation modes of the unit, including power ON/OFF, track number, playing time information and play progress status.

Ⓐ **TRACK display**
Displays the number of tracks in a Compact Disc or the track No. being played or programmed.

Ⓑ **INDEX display**
Displays the index No., which changes whenever an index is encountered on the disc.

Ⓒ **MIN/SEC display**
Displays the playing time of the whole of the Compact Disc, elapsed time of the track being played, or remaining time on the Compact Disc or program.

Ⓓ **LAP TIME/REM TIME/TTL REM TIME indicators**
One of the indicators lights to indicate whether the time displayed below is the remaining time or lap time.
LAP TIME indicates the elapsed time of the track being played.
REM TIME indicates the remaining time of the track being played.
TTL REM TIME indicates the total remaining time of the rest of disc being played.

Ⓔ **DISC TRACK indicator**
Displays the number of tracks on the Compact Disc.

Ⓕ **DISC indicator**
Lights while no Compact Disc is placed on the disc tray.
Blinks for a few seconds after a Compact Disc is set inside the set.

Ⓖ **ERROR indicator**
Lights temporary to indicate error in operation or programming.
• If a Compact Disc is placed upside down on the disc tray or Compact Disc is damaged, both the DISC and ERROR indicators light simultaneously.

Ⓗ **SHUFFLE indicator**
When the (SHUFFLE) key is pressed, lights to indicate the shuffle play.

Ⓘ **RECALL indicator**
When the (RECALL) key is pressed, lights during program checking.

Ⓙ **REPEAT indicator**
When the [REPEAT] key is pressed, lights to indicate the repeat play.

Ⓚ **FTS indicator**
Lights to indicate the FTS program mode, blinks for a few seconds after the [FTS] key is pressed.
Also blinks when a disc which already has the FTS program is set inside the set

Ⓛ **AMS indicator**
Lights during AMS of Compact Disc.

Ⓜ **A ◁▷ B indicator**
Lights during continuous loop play between an arbitrary start point (point A) and end point (point B). During setting, blinks until the end point (point B) has been selected.

Ⓝ **Infrared light reception indicator**
Lights when the set receives a signal from the remote commander.

Ⓞ **Program indicator**
Lights during program play.

④ **Infrared light sensor (IR SENSOR)**
The infrared signal from the remote control unit enters the main unit through this window.
For the remote control, point the infrared light transmitter of the remote control unit to the IR SENSOR window and transmit signal properly.

⑤ **OPEN/CLOSE (⏏) key**
Press to open or close the disc tray.

⑥ **PLAY (►) key**
Press to play a Compact Disc.
Pressing the key during play re-starts the play of the track being played from the beginning.

⑦ **PAUSE (❚❚) key**
When the key is pressed during play, the play pauses temporarily at that position. Press the key again to re-start play from the same position.

⑧ **STOP (■) button**
Press to stop play as well as disc rotation, or for clearing a program in the memory.

⑨ **Favorite Track Selection (FTS) key**
A program containing only the favorite tracks can be created for each Compact Disc and stored in a backed-up memory for playing any time.
This unit is capable of storing such favorite track memories for up to 226 discs.

⑩ **REPEAT key**
Press to activate the Repeat function, which allows to play the whole of a program repeatedly. Pressing the key again cancels the Repeat mode.

⑪ **DISPLAY key**
Press to turn the display off. Pressing the key again cancels the Display Off condition.

⑫ **TRACK PREV/NEXT (⏮/⏭) keys**
⏮ : When this key is pressed during play, the same number of tracks as the number of times the key is pressed are skipped in the backward direction, and play re-starts from the skip destination track.

⏭ : When this key is pressed during play, the same number of tracks as the number of times the key is pressed are skipped in the forward direction, and play re-starts from the skip destination track.

⑬ **DIGITAL OUTPUTS connectors**
Connect to an audio component equipped with a digital input connector. Either the OPTICAL connector (for optical cable) or COAXIAL connector (for coaxial cable) can be used to supply digital input to a component.

OPTICAL output connector:
Using an optical cable, connect to an audio component equipped with an OPTICAL digital input connector.

COAXIAL output connector:
Using a coaxial cable, connect to an audio component equipped with a COAXIAL digital input connector.

With small signal loss due to cables and perfect cut-off of ground loop, the optical signal transmission provides a very high sound quality without any digital noise.

⑭ **OUTPUTS connectors**
L/R jacks:
Connect to the CD or AUX input jacks of a preamplifier.

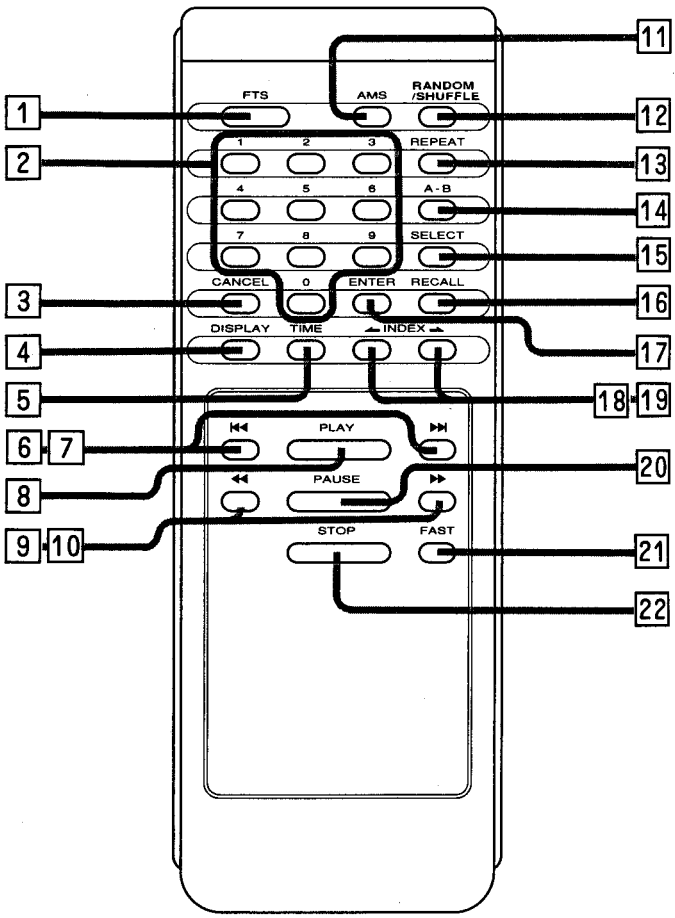
⑮ **REMOTE CONTROL IN/OUT jacks**
By connecting this player to another Marantz audio component using a D-BUS remote control cable, you can remotely operate the components as a single system.
- When connecting to a component with a remote sensor (such as the PM-82), be sure to connect the "REMOTE CONTROL IN / OUT" jack of this unit to the "REMOTE CONTROL OUT" jack of the component with the remote sensor.
- When connecting to a component which is not equipped with a remote sensor, be sure to connect the component to the "REMOTE CONTROL IN / OUT" jack of this unit.
  For the D-BUS cord connection, use a commercially available RCA cord.

⑯ **REMOTE switch**
When using the CD-10 independently, set this switch to INTERNAL. When using the CD-10 in a system with a Marantz tuner or timer equipped with a remote sensor, set the switch to EXTERNAL.

⑰ **Power cord**
Plug into a household wall power outlet.

REMOTE CONTROL UNIT

Provided that the power of the Compact Disc Player is ON and that a Compact Disc is placed on the tray, the functions of the main unit can be controlled from the remote control unit.
However, the power of the Compact Disc Player can only be switched ON-OFF on the main unit.



1 **Favorite Track Selection (FTS) key**
A program containing only the favorite tracks can be created for each Compact Disc and stored in a backed-up memory for playing any time.

2 **Numeric (0 to 9) keys**
Press to select a desired track on the Compact Disc or when entering required information during programming.

3 **CANCEL key**
Press to cancel a program.

4 **DISPLAY OFF key**
Press to turn the display off. Pressing the key again cancels the Display Off condition.

5 **TIME key**
Press to switch the time display content between the remaining time (REM) display and elapsed time (LAP) display.

6 **TRACK PREV (⏮) key**
When this key is pressed during play, the same number of tracks as the number of times the key is pressed are skipped in the backward direction, and play re-starts from the skip destination track.

7 **TRACK NEXT (⏭) key**
When this key is pressed during play, the same number of tracks as the number of times the key is pressed are skipped in the forward direction, and play re-starts from the skip destination track.

8 **PLAY key**
Press to play a Compact Disc. Pressing the key during play re-start the play of the track being played from the beginning.

9 **Reverse search (◀◀) key**
When this key is pressed and held depressed during play, the track being played is reversed quickly.

10 **Forward search (▶▶) key**
When this key is pressed and held depressed during play, the track being played is forwarded quickly.

* For reverse search or forward search at a higher speed, first press the (FAST) key then press and hold the SEARCH (◀◀), (▶▶) key.

11 **Automatic Music Scan (AMS) key**
Press to play the first 10 seconds of every track on a Compact Disc in sequence.

12 **RANDOM / SHUFFLE key**
When this key is pressed, the unit starts to play tracks on the Compact Disc in a random order. This function is useful when playing the disc as background music.

13 **REPEAT key**
When this key is pressed, the Repeat function is activated and the whole of a program is played repeatedly. Pressing the key again cancels the Repeat function.

14 **A–B key**
Press to set the start point or end point of continuous loop play.

15 **SELECT key**
Press to select modes.

16 **RECALL key**
Press to check the program. When this key is pressed, the contents of a program are displayed in order.

17 **ENTER key**
Press to establish the entry of required information during programming.

18 **INDEX (⏶) key**
This key can be used with a disc containing index Nos. When this key is pressed once, the position being played returns to the beginning of the current index section being played. Every further press returns it to the previous index.

19 **INDEX (⏷) key**
This key can be used with a disc containing index Nos. When this key is pressed once, the position being played advances to the next index position. Every further press advances it to the next subsequent index.

20 PAUSE key
When the key is pressed during play, the play pauses temporarily at that position. Press the key again to re-start play from the same position.

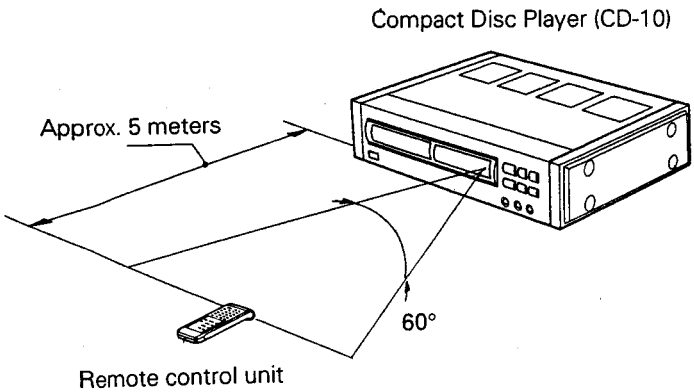
21 FAST key
When reverse search or forward search at higher speed than normal is required during play, first press this key, then press and hold the "search ◄◄ or ►► " key.

22 STOP key
Press to stop play as well as disc rotation, or for clearing a program in the memory.

OPERATION OF REMOTE CONTROL UNIT

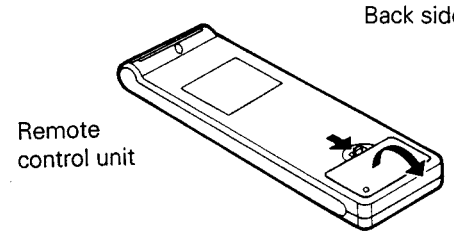
1. Remote control
The distance between the transmitter of the remote control unit and the IR SENSOR of the Compact Disc Player shall be less than about 5 meters. If the transmitter is pointed to other direction than the IR SENSOR or if there is an obstacle between them, remote control may not be available.

Remote-controllable range

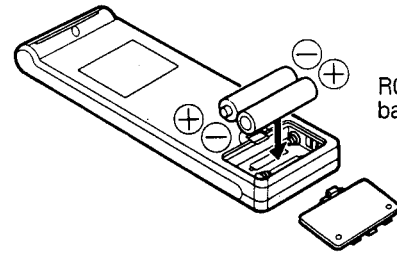


2. Loading batteries
The life of batteries used with the remote control unit is about an year with normal use. When the remote control unit is not to be used for a long period of time, be sure to remove the batteries. Also take care to replace batteries earlier when you notice that they are getting weak.

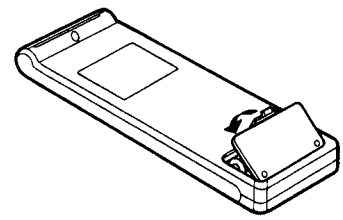
① Remove the back cover.



② Insert batteries with correct (+) and (–) polarity.



③ Close until it clicks.



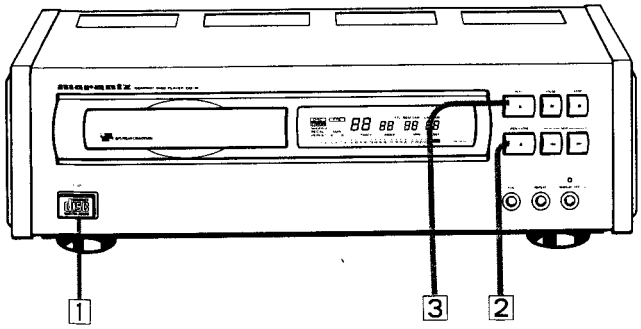
CONNECTION OF OPTICAL OUTPUT CONNECTOR ON REAR PANEL

The optical fiber cable transmits digital signals in the form of light. The optical signal transmission features small signal loss due to cables and perfect cut-off of ground loop, therefore providing a very high sound quality by eliminating any digital noise.

How to use

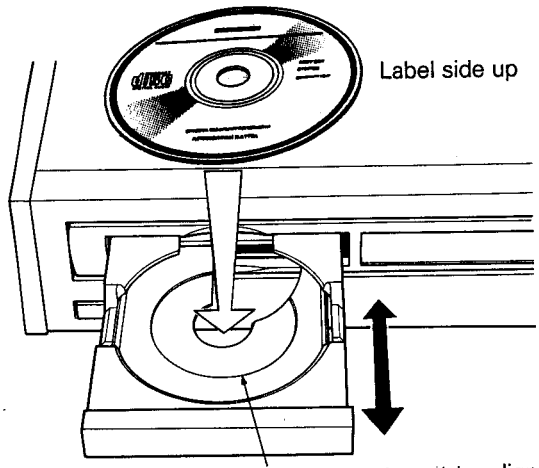
1. Prepare an optional digital audio amplifier in addition to the CD-10.
2. Using an optical fiber cable, connect the OPTICAL output connector with the Optical input connector of the digital audio amplifier.
3. For details, please read the instructions of the digital audio amplifier.

NORMAL PLAY



1 Press the POWER switch to turn power ON.

2 Press the OPEN/CLOSE key so that the disc tray comes out.
Place a Compact Disc on it with the label side facing upward.



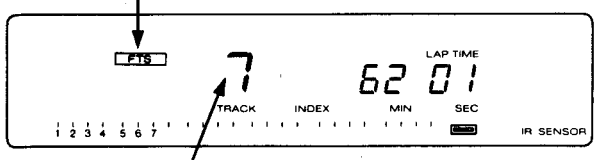
When playing an 8cm disc, place it by aligning with the inner proove.

Press the OPEN/CLOSE key again to close the disc tray.
(The tray can also be closed by pushing it by hand.)
The DISC indicator on the display blinks.

The display will show the total number of tracks and the total playing time of the Compact Disc.

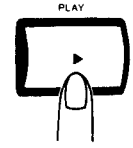
[Example] Display with Compact Disc containing 7 tracks in 62 min. 01 sec.

Blinks if an FTS program has been set for the disc.



Number of tracks on the Compact Disc.

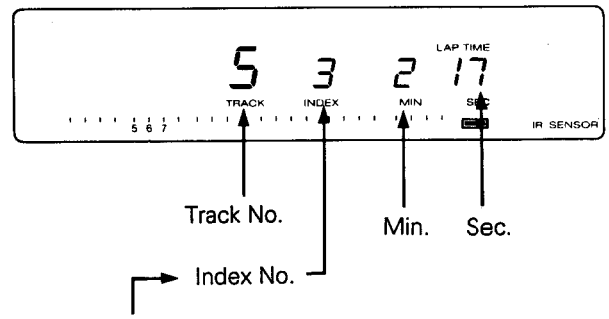
3 Press the PLAY key.



The Compact Disc starts to rotate, and its play starts.
The display shows the track No. and index No. according to the progress of play.
The elapsed playing time of the track is displayed in minutes and seconds.

[LAP TIME (elapsed time) display]

[Example] Playing track No. 5, index No. 3, at elapsed time of 2 minutes 17 seconds

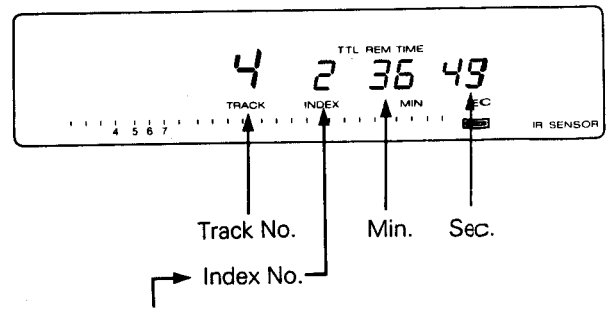


1 is displayed if Compact Disc does not contain index Nos.

Press the TIME key to check the remaining time. The display shows the remaining time on the track being played (REM TIME). When the key is pressed again, the display shows the total remaining time on the rest of disc (TTL REM TIME). Pressing the key again returns the display to the elapsed time of the track being played (LAP TIME).

[Remaining time display]

[Example] Playing track No. 4, index No. 2, with remaining time of 36 minutes 49 seconds



1 is displayed if Compact Disc does not contain index Nos.

[4] When the disc has been played, the unit enters the Stop mode automatically.

- To play the track being played again from the beginning, press the [PLAY] key.
- To play the disc, which has been played, again from the first track, press the [PLAY] key.
- To take out the disc from the tray in the middle of its play, press the [OPEN/CLOSE] key. The play will stop and the disc tray comes out open.
- To pause the play temporarily, press the [PAUSE] key. The time display starts to blink and the play pauses temporarily. (When the [PAUSE] key is pressed again, the play re-starts and the time display blinking changes to continuous lighting.)

Desired tracks can also be searched while the unit is in the Pause mode. (This can be done by the ◀◀, ▶▶, ⏮ or ⏭ key.) To re-start play, press the [PAUSE] key.)

- To stop play, press the [STOP] key.
- To play the next track to the track being played, press the ⏭ key. The play pauses temporarily, and re-starts automatically from the beginning of the next track.

  * If the track being played was the last track on the Compact Disc, the ERROR indicator lights up temporarily, but the track being played continues to be played.

- To play a track located by two or more tracks after the track being played, press the ⏭ key for the same number of times as the number of tracks to be skipped.
  To play a track located before the track being played, press the ⏮ key for the same number of times as the number of tracks to be skipped in the reverse direction.
- To search a desired position by forwarding or reversing the disc position being played, press and hold the ◀◀ or ▶▶ key and release the key when the desired position is found.
  To forward or reverse the disc position at · higher speed, press the [FAST] key then, while "FAST" is displayed, press and hold the ◀◀ or ▶▶ key.

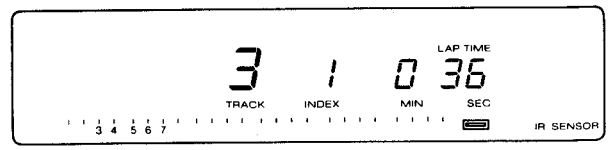
* If the play position is forwarded beyond the end of Compact Disc recording, the ERROR indicator lights up temporarily. When the ▶▶ key is released, the play re-starts from a few seconds before the end of disc.

[5] After the disc has been played, press the [OPEN/CLOSE] key. The disc tray will come out open.

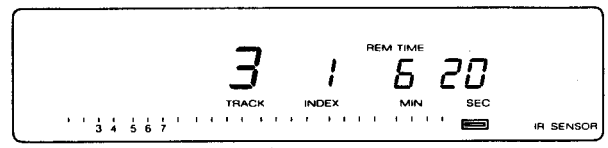
TIME display switching key

Every time the [TIME] key is pressed, the time display content is switched in order of:
[Elapsed time of track being played (LAP TIME)] → [Remaining time of track being played (REM TIME)] → [Total remaining time on the rest of disc (TTL REM TIME)].

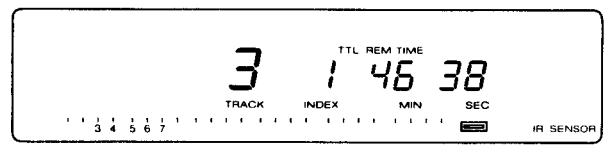
Elapsed playing time



Remaining playing time of track



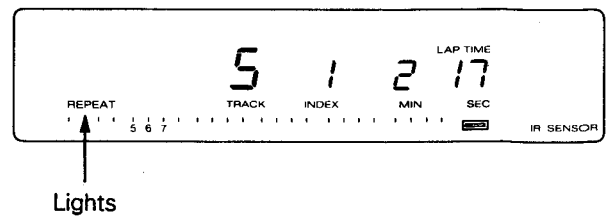
Remaining time on the rest of disc



REPEAT PLAY

1. Start play following the instructions in "Normal play".
2. Press the [REPEAT] key.
   The REPEAT indicator lights up to indicate the Repeat mode, and the whole of program starts to be played repeatedly.

   - To cancel the Repeat mode operation, press the [REPEAT] key again. The REPEAT indicator goes out, and the play continues until the end of Compact Disc where it stops.

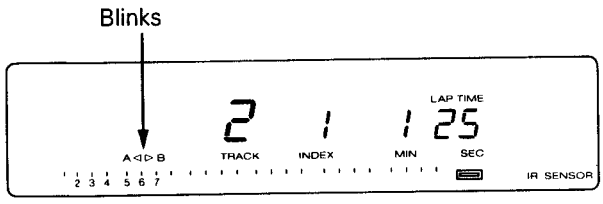


CONTINUOUS LOOP PLAY

1. Start play following the instructions in "NORMAL PLAY".
2. When the start point where the continuous loop is to be started (point A) is found during play, press the (A-B) key.

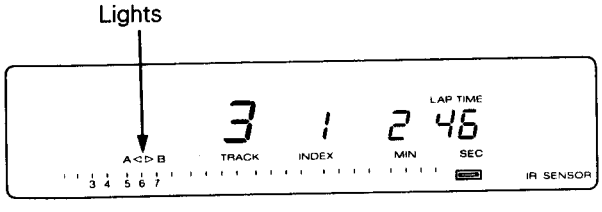
   The A ◁▷ B indicator blinks.

   [Example] When the 1 minute 25 second position of track No. 2 is set as the start point (point A):



3. When the end point where the continuous loop is to be ended (point B) is found during play, press the (A-B) key again.
   The A ◁▷ B indicator changes from blinking to steady lighting, indicating that the section to be played in loop has been set.
   The continuous loop play started play at the start point (point A) and, when it arrives at the end point (point B), returns to the start point (point A) again so that the section between points A and B is played repeatedly.

   [Example] When the 2 minute 46 second position of track No. 3 is set as the end point (point B):



   The above setting procedure can be speeded up by using the (►►) and (►►|) keys.

4. To cancel the continuous loop play, press the (A-B) key again.

   The A ◄► B indicator goes out and normal playback resumes.

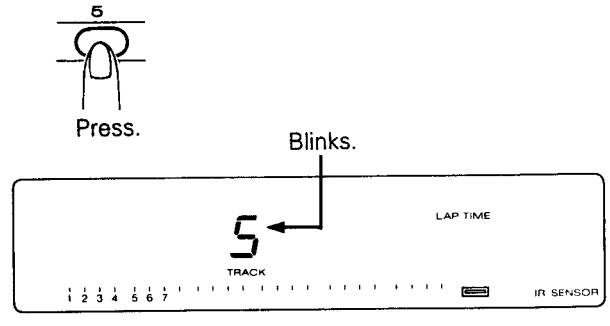
PLAYING ONLY THE DESIRED MUSIC

Following instructions in "Normal play", open the disc tray, place a Compact Disc in it, and close it.

PLAYING A DESIRED TRACK

1. Press the (SELECT) key to move the cursor to the position of the TRACK display.
2. Select the desired track No. to be played with the numeric keys ("0" to "9").
   The TRACK indicator blinks and the track No. appears on the display.

   [Example] To play track No. 5 only

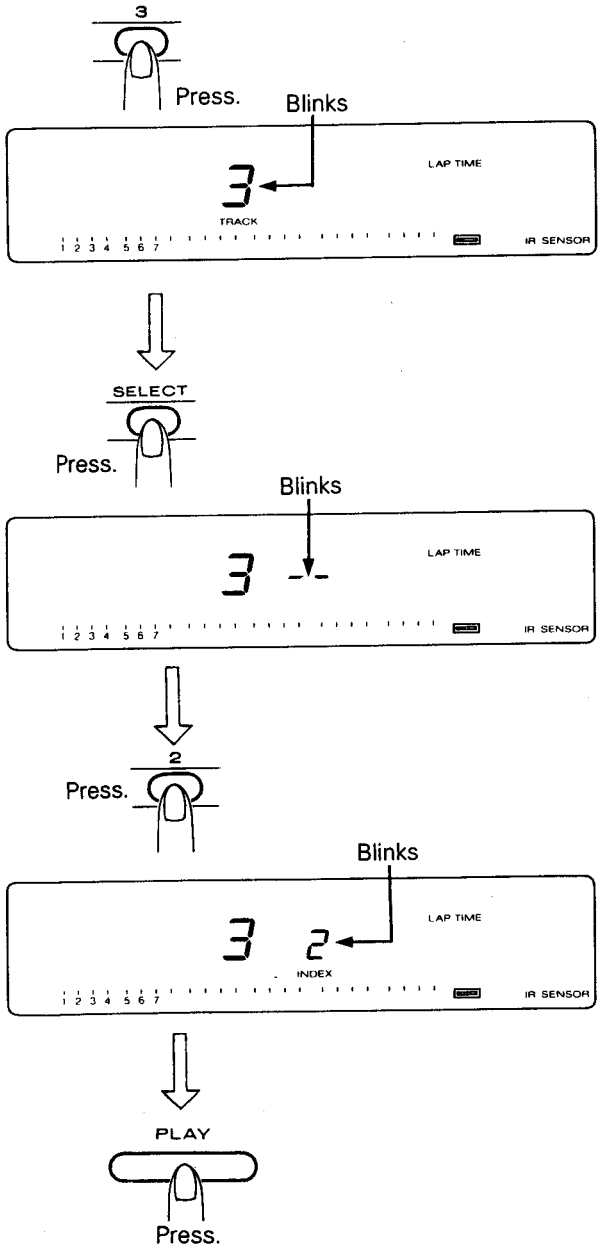


3. Press the [PLAY] key.
   The play will start from the beginning of the selected track.

   - In case the selected track No. does not exist on the Compact Disc, the error indicator lights up temporarily at the moment the [PLAY] key is pressed, and the total number of tracks and total playing time of the disc are displayed.
   - This operation is also possible during playing a different track.

PLAYING A DESIRED INDEX SECTION

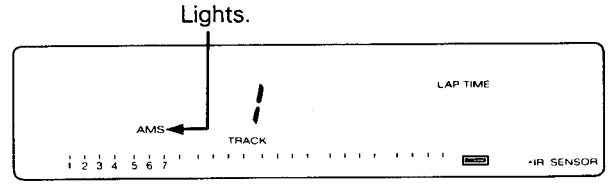
1. Press the (SELECT) key to move the cursor to the position of the TRACK display.
2. Select the desired track No. to be played with the numeric keys. The selected track No. will blink on the TRACK display.
3. Press the (SELECT) key again.
   The track No. blinking changes to continuous lighting, and the INDEX display starts blinking.
4. Select the desired index No. with the numeric keys. The selected index No. will appear blinking on the INDEX display.
5. Press the [PLAY] key.
   The index No. blinking changes to continuous lighting, and the selected index starts to be played.



- In case the selected index No. does not exist on the Compact Disc, the error indicator lights up temporarily at the moment the [PLAY] key is pressed, and the play starts with the beginning of the selected track.
- This operation is also possible during playing a different track.

PLAYING THE BEGINNING OF EVERY TRACK FOR 10 SECONDS (AMS = Automatic Music Scan)

Press the (AMS) key.



The AMS indicator lights, and the first 10 seconds of every track on the Compact Disc will be played in sequence.

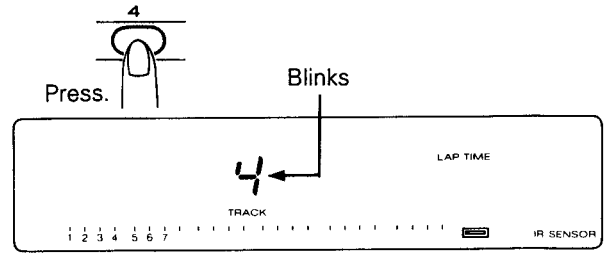
After the AMS, the unit enters the Stop mode, and the display contents return to the total number of tracks and total playing time of the disc.

- The (⏮) and (⏭) keys can be used during AMS.
  When a desired track is found in the course of AMS, press the (AMS) key again. The AMS will be canceled and the play of that track will continue.
- When the (AMS) key is pressed during normal play, the AMS starts from the first track on the disc.

STARTING PLAY FROM THE SPECIFIED TIME POSITION IN TRACK

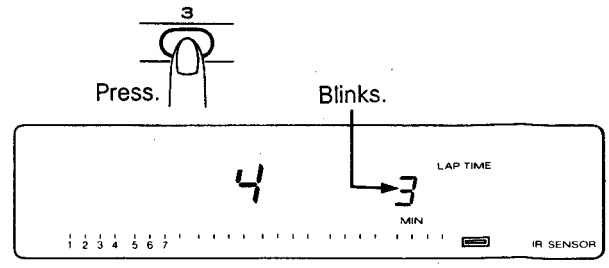
1. Press the (SELECT) key to move the cursor to the position of the TRACK display.
2. Select the desired track No. to be played with the numeric keys. The selected track No. will appear blinking on the TRACK display.

   [Example] To play from 3 min. 58 sec. of track No. 4



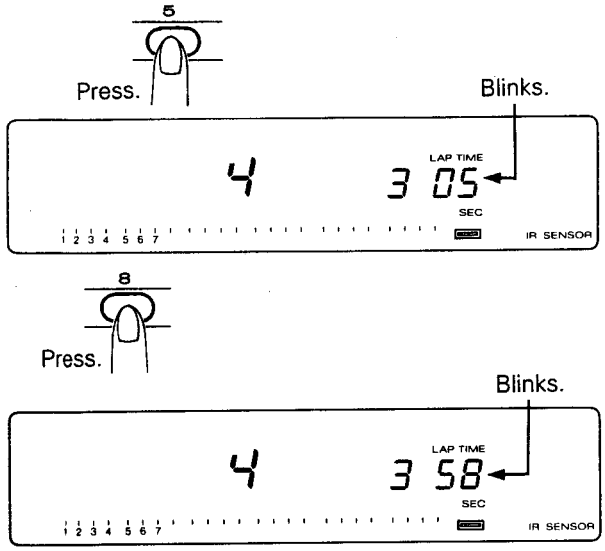
3. Press the (SELECT) key to move the cursor to the position of the MIN display. The track No. blinking changes to continuous lighting, and the MIN display starts to blink instead.
4. Specify the desired "minutes" to start the play with the numeric keys. The MIN display is still blinking.

[3 minute]



5. Press the (SELECT) key.
   The MIN display blinking changes to continuous lighting, and "00" on the SEC display starts to blink instead.
6. Specify the desired "seconds" to start the play with the numeric keys.

[58 seconds]



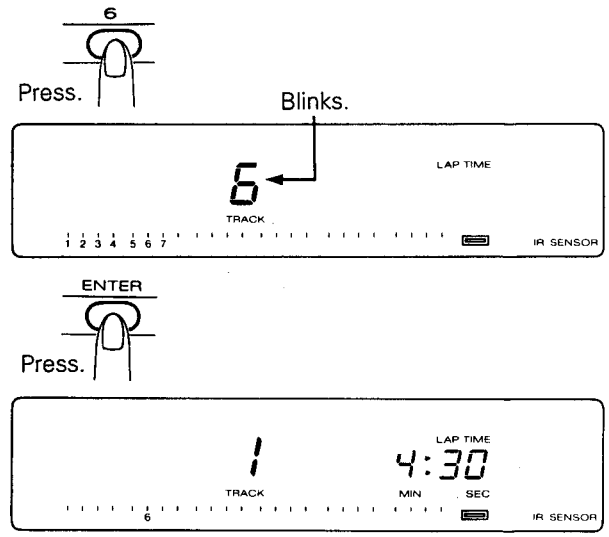
7. Press the [PLAY] key.
   The MIN display blinking changes to continuous lighting, and the play will start from the specified minutes and seconds.
   - If minutes and seconds beyond the playing time of the track is specified, the ERROR indicator lights up temporarily at the moment the [PLAY] key is pressed, and the play starts with the beginning of the selected track.
   - This operation is also possible during play.

PROGRAMMING DESIRED MUSIC AND PLAYING THE PROGRAM

Desired blocks on a Compact Disc can be programmed in desired order and played.
The contents of the program can be a combination of track Nos., index Nos. or sections between start and stop times.
[Up to 24 blocks can be programmed per Compact Disc.]
If you commit a mistake during programming, press the (CANCEL) key and re-start programming from the beginning.
Referring to "Normal play", open the disc tray, place a Compact Disc and close the disc tray.

PROGRAMMING OF TRACK NOS.

1. Referring to step 1. and 2. of "PLAYING A DESIRED TRACK", select a track No.
2. Press the (ENTER) key.
   The track No. blinking changes to continuous lighting.



   Now the track No. has been programmed in memory.
3. Program other desired track Nos. with the same procedure as above.
   The display will show the total number of tracks programmed and the total playing time of them.
   ":" is displayed when tracks are programmed.

PROGRAMMING TRACK NOS. BY MEANS OF AMS

The following procedure can program desired tracks among the tracks on a Compact Disc only following the order they are recorded on it.

1. Press the (AMS) key.
   The AMS indicator lights, and the first 10 seconds of every track will be played in sequence.
2. When a track you want to program starts, press the (ENTER) key.
   Now that track No. has been programmed in memory. (When the (ENTER) key is pressed, the AMS skips to the next track and continues.)
3. Every time a track you want to add in the program is played, press the (ENTER) key.
   - When the 24 blocks have been programmed in memory, the ERROR indicator lights up temporarily.

PROGRAMMING OF INDEX NOS.

1. Referring to steps 1. to 4. in "PLAYING A DESIRED INDEX SECTION", select a track No. and index No.
2. Press the (ENTER) key.
   The TRACK/INDEX No. display will show the total number of index sections programmed and the time display shows "--:--".
   Now the index No. has been programmed.
3. Program other desired index Nos. with the same procedure as above.

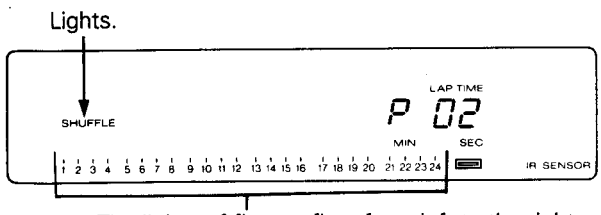
PROGRAMMING OF SECTIONS BETWEEN START AND END TIMES

1. Referring to steps 1. to 6. in "STARTING PLAY FROM THE SPECIFIED TIME POSITION IN TRACK", specify the position where the first block to be programmed starts.
2. Press the (ENTER) key.
   Now the start time of the first block in program has been programmed. The MIN display starts blinking again.
3. Using the numeric keys, specify the figure of "minute" where the play is to be ended.
4. Press the (SELECT) key. The MIN display blinking changes to continuous lighting, and the SEC display shows "00" blinking.
5. Using the numeric keys, specify the figure of "second" where the play is to be ended.
6. Press the (ENTER) key.
   Now the end time of the first block in program has been programmed. The display will show the total number of blocks programmed and the total playing time of them.
7. Program other desired start/end time sections with the same procedure as above.

PLAYING TRACKS IN A RANDOM ORDER

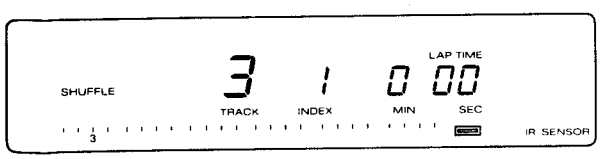
The Shuffle mode starts the Compact Disc play from a given track and plays all other tracks on it in a random order.

1. Press the (RANDOM) key.



The lights of figures flow from left to the right.

[In case track No. 3 is selected first]



- If the (⏭) key is pressed during Random play, the next track is also selected in a random order.
- The next track is selected automatically when a track has been played.

CHECKING PROGRAMMED CONTENTS

When programming has completed, press the (RECALL) key.
The RECALL indicator lights, and the program contents are displayed in the order they were programmed in memory. The ERROR indicator lights if no track has been programmed.

- The program contents can be checked with the above procedure either before or during programmed play.

PLAYING THE PROGRAM

When programming has completed, press the [PLAY] key. The program starts to be played from the beginning.
If the [PLAY] key is pressed again, the play starts from the beginning of the track, index or start/end time section being played again.

* Other keys and controls on the main unit can also be operated during programmed play, but it is recommended to enjoy music as it was programmed.

The (⏩) and (⏪) keys can search only within the track, index or start/end time section being played.
After programmed play, the unit enters the Stop mode automatically . If the [PLAY] key is pressed again, the program is played from the beginning again.

CLEARING TRACK NOS, INDEX NOS. OR TIME INFORMATION FROM MEMORY

1. Press the (RECALL) key. The programmed contents are displayed in the order they were programmed in memory.
2. When the content you want to clear is displayed, press the (CANCEL) key.
3. The programmed content after the cleared content is displayed, and other contents of the program are displayed until the end.

CLEARING THE WHOLE OF PROGRAM

Press the [STOP] key to clear the program.
The program can also be cleared by pressing the [OPEN/CLOSE] key or switching the power of the unit to OFF.
(Pressing the [STOP] key during programmed play simply stops the play, and pressing the key again clears the program.)

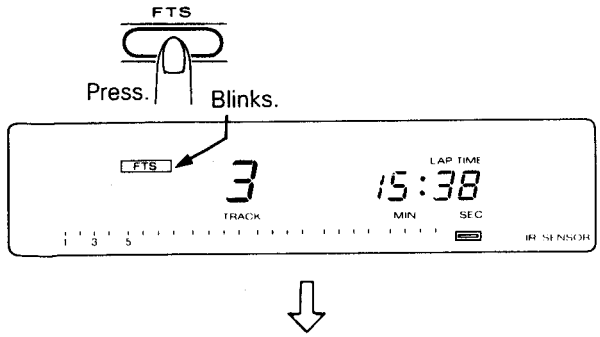
FTS (FAVORITE TRACK SELECTION)

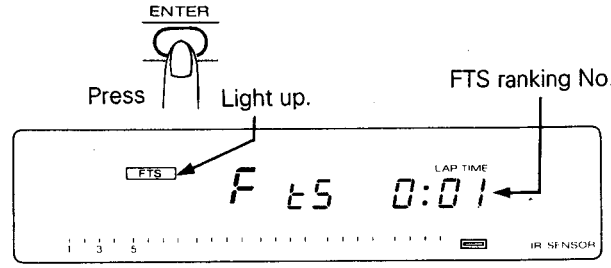
A program containing only the favorite music can be created for each Compact Disc, stored as an FTS program in the memory, and can be recalled any time when the disc is to be played.
These FTS programs will not be cleared even when the power is switched OFF.
The number of discs the programs of which can be stored vary depending on the number of blocks, that is, tracks, indices or start/end time sections programmed per disc.
For example, if an average of five of such blocks are programmed per disc, programs for 137 discs can be stored for FTS.
A three-digit "ranking No." is assigned to each disc which has an FTS program stored in memory. It is displayed as "001", "002", etc., and the maximum ranking No. is 254.
Please attach one of the provided "FTS Ranking Labels" on the case of the disc which has an FTS program stored in memory. Once assigned, the same "ranking No." will be used without modification.
When a disc which has an FTS program stored in memory is loaded, the FTS indicator blinks for a few seconds to indicate the presence of an FTS memory for the disc.
If a second or later FTS program is stored for a same disc, the older FTS program is cleared and only the latest FTS program is stored in the memory.
The ranking No. for the disc will not be changed even in such a case.

Note:
Press operation keys while the FTS indicator is blinking. If the next key is not pressed for a few seconds, this unit assumes the next command as invalid and the FTS indicator stops blinking. In this case, press the [FTS] key again and re-start the procedure from the beginning.

STORAGE OF FTS PROGRAM IN MEMORY

1. Place a Compact Disc on the disc tray and close the disc tray. Then, select a desired track No., index No. or start/end time section with the numeric keys ("0" to "9" keys) and press the (ENTER) key.
   Repeat the same procedure as above for other music to be programmed.
   For details, please refer to "Programming desired music and playing the program".
2. Press the [FTS] key and, while the FTS indicator is blinking, press the (ENTER) key. The TRACK / INDEX display shows "FtS", and the MIN/SEC display shows the FTS ranking No. of the Compact Disc, and the FTS program created is stored in the memory.



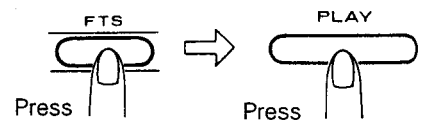


* If the ERROR indicator lights up, refer to the following possible causes.

- The FTS memory is full though the last FTS ranking No. is less than 254.
  [Clear a previously-stored FTS program and store new FTS program in memory.]
- The last FTS ranking No. is 254 or more.
  [All of the previous FTS programs should be cleared to allow storing a new FTS program. Please refer to "Clearing all FTS programs".]

PLAYING AN FTS PROGRAM

1. Place a Compact Disc which has an FTS program stored in memory on the disc tray.
2. Press the [FTS] key. The FTS indicator starts blinking.
3. Press the [PLAY] key. The FTS program is recalled, and start to be played automatically.
   The FTS indicator blinking changes to continuous lighting.



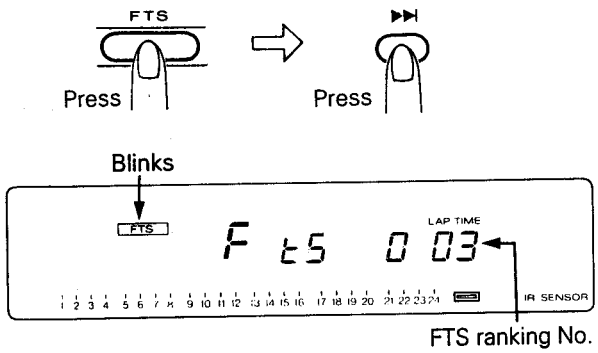
* If no FTS program has been stored for the Compact Disc, the ERROR indicator lights up.

CANCELING THE FTS PROGRAM PLAY

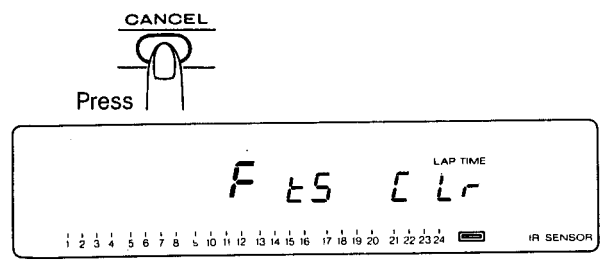
While the unit is in the Stop mode, press the [STOP] key.
The FTS indicator goes out and the FTS mode is canceled.
While the unit is playing the FTS program, press the [STOP] key twice. The FTS indicator goes out and the FTS mode is canceled.

CLEARING FTS PROGRAM FROM A COMPACT DISC

1. While the FTS indicator is blinking after the [FTS] key was pressed, press the (▶▶|) key repeatedly until the FTS ranking No. to be cleared.
   When the FTS indicator stops blinking, press the [FTS] key again then press the (|◀◀) key.



2. When the FTS ranking No. to be cleared is displayed, press the (CANCEL) key.
   " FtS CLr " is displayed for a few seconds.
   Now that FTS program has been cleared.
   At this time, the FTS ranking No. assigned to that program becomes a blank number.



- For this operation, you need to know the FTS ranking No. of the FTS program to be cleared.
- For use in checking the FTS ranking No. after assignment, be sure to use the provided "FTS Ranking Labels".

CHECKING FTS RANKING NO.

In case you do not know the FTS ranking No., load the Compact Disc to let the unit read it in, then press the [FTS] key and, while the FTS indicator is blinking, press the (RECALL) key. The FTS ranking No. of the program for that disc will be displayed.

CLEARING THE WHOLE OF FTS PROGRAMS FROM MEMORY

Caution:
Use the following procedure only when you need to clear all FTS programs stored for all discs.
An example of the instance of the use is when the FTS memory becomes full and you want to store all FTS programs again from the start.

1. Press the [FTS] key.
2. While the FTS indicator is blinking, press the [OPEN/CLOSE] key with the [PAUSE] key held depressed.
   " FtS ALL " is displayed for a few seconds.
   Now, all of the FTS programs have been cleared.

TROUBLESHOOTING

If you think a malfunction has occurred, first check the points listed below. The problem is likely to have been caused by a simple operational error or a connection problem. If the problem cannot be corrected even after carrying out the following checks, consult your dealer or nearest Marantz sales office or service center.

- **The disc does not turn.**

1. Is the power cord plugged in properly?
2. Is the [POWER] switch turned ON?
3. Is the disc inserted in the correct position on the disc tray?
4. Is the disc inserted properly with the label side facing up?
5. Is the disc dirty?
6. Is the disc scratched?
7. Is the disc warped?
8. Have the transport screws been removed?

- **The disc turns but no sound is heard.**

1. Are the amplifier and speakers connected properly?
2. Is the amplifier's power switch turned ON?
3. Is the amplifier's volume control set at the minimum level?
4. Is the amplifier's selector switch set to the correct input ("CD" or "AUX", whichever corresponds to the input jacks the CD-10 player is connected to)?

- **The disc stops in mid-operation.**

1. Is the disc dirty?
2. Is the disc scratched?
3. Is the disc warped?

- **The sound drops out or noise is heard.**

1. Is the disc dirty?
2. Is the disc scratched?
3. Is the disc warped?

- **Remote control operation is not possible.**

1. Is the remote control unit's (RC-10CD) transmitter pointed correctly at the remote sensor on the front of the CD player (CD-10)?
   Or, is there an obstruction between the transmitter and the remote sensor?
2. Are the batteries in the remote control unit (RC-10CD) exhausted?
3. Is there another strong light (from a window, etc.) striking the CD player's (CD-10) remote sensor?
4. Is an RCA cord connected to the "REMOTE CONTROL IN / OUT" jack on the CD player's rear panel?

OPERATING PRECAUTIONS

- In the winter you may notice that the window of a well-heated room becomes fogged or dew is formed on it. This phenomenon is called condensation.
  Inside the CD player, too, condensation sometimes occurs in the following situations:
  - When the listening room is first heated.
  - When the humidity in the room is high.
  - When the unit is carried from a cold environment to a warm room.
- If condensation occurs, the number of tracks cannot be read and the player may not function properly. If this happens, leave the power ON and wait for about 30 minutes before operating the unit.
- The CD player may interfere with the reception of your tuner or TV set. If this occurs, place the CD player farther away from the tuner or TV.
- The CD player features very little noise compared to analog records, and the noise before actual playback begins is almost inaudible. Therefore, be careful not to set the volume control of the amplifier too high, otherwise other audio components such as your speakers may be damaged when actual play starts.

CLEANING OF EXTERIOR SURFACES

The exterior finish of your CD-10 will last indefinitely with proper care and cleaning. Never use scouring pads, steel wool, scouring powders or harsh chemical agents (e.g. lye solution), alcohol, thinners, benzine, insecticide or other volatile substances as these will mar the finish of the cabinet. Likewise, never use cloths containing chemical substances. If the CD player becomes dirty, wipe the external surfaces with a soft, lint-free cloth.

If the cabinet becomes heavily soiled:

- dilute some liquid dishwashing detergent in water, in a ratio of one part detergent to six parts water;
- dip a soft, lint-free cloth in the solution and wring the cloth out until it is damp;
- wipe the cabinet with the damp cloth;
- dry the cabinet by wiping it with a dry cloth.

REPAIRS

Only the most competent and qualified service technicians should be allowed to service the equipment. The Marantz company and its factory-trained warranty station personnel have the knowledge and special facilities needed for repair and calibration of this precision equipment. After the warranty period has expired, repairs will be performed for a charge if the equipment can be returned to normal operation.

In the event of difficulty, contact your dealer or write directly to the nearest location to you that is listed on the Marantz Authorized Service Station list. If writing, please include the model and serial number of the equipment together with a full description of what you think is abnormal about the equipment's behavior.

ENGLISH

① POWER switch
② Disc tray
③ Display panel

Ⓐ TRACK display
Ⓑ INDEX display
Ⓒ MIN/SEC display
Ⓓ LAP TIME/REM TIME/TTL REM TIME indicators
Ⓔ DISC TRACK indicator
Ⓕ DISC indicator
Ⓖ ERROR indicator
Ⓗ SHUFFLE indicator
Ⓘ RECALL indicator
Ⓙ REPEA' indicator
Ⓚ FTS indicator
Ⓛ AMS indicator
Ⓜ A ◁▷ B indicator
Ⓝ Infrared light reception indicator
Ⓞ Program indicator

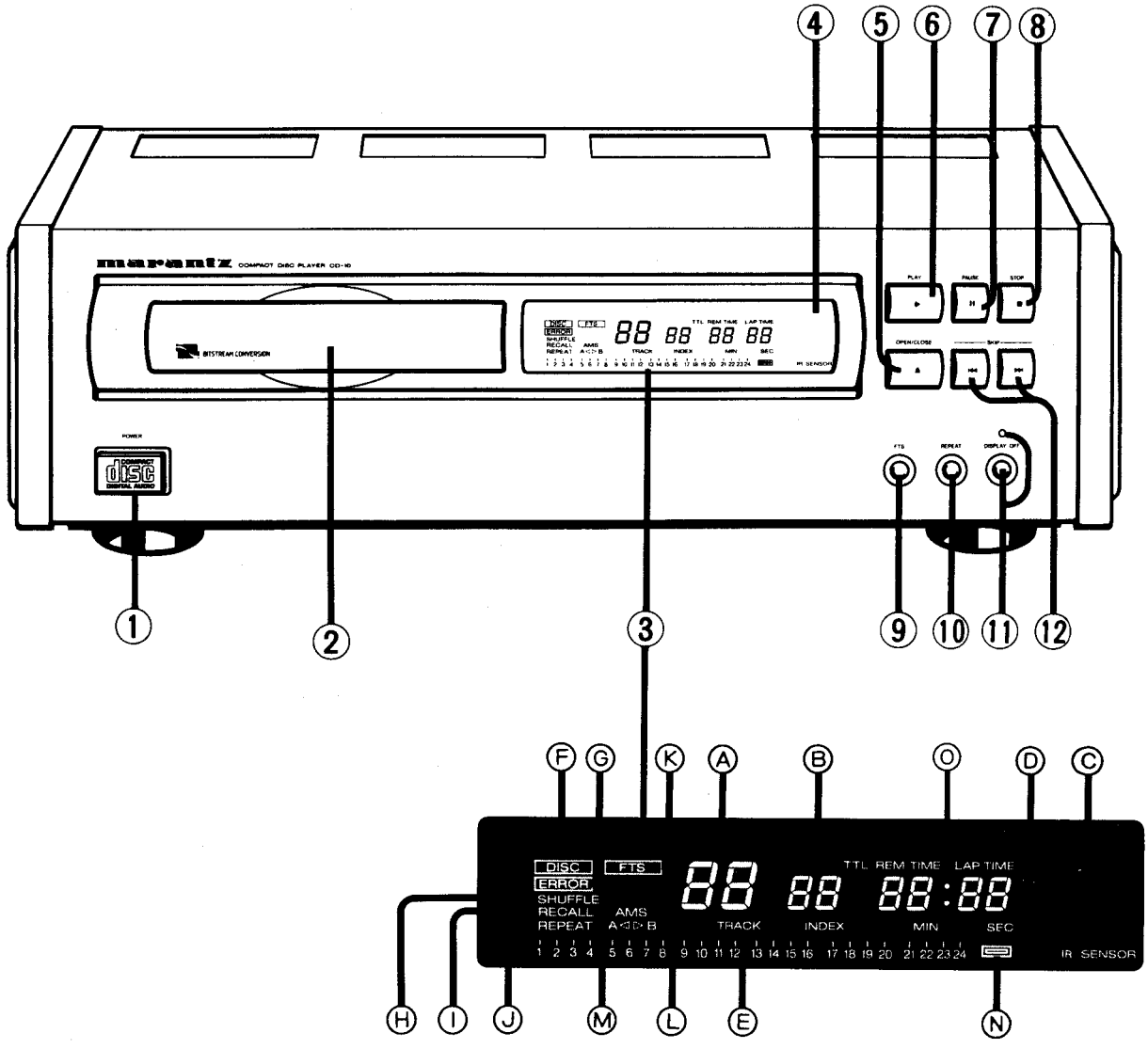
④ Infrared light sensor (IR SENSOR)
⑤ OPEN/CLOSE (⏏) key
⑥ PLAY (▶) key
⑦ PAUSE (⏸) key
⑧ STOP (■) button
⑨ Favorite Track Selection (FTS) key
⑩ REPEAT key
⑪ DISPLAY key
⑫ TRACK PREV/NEXT (⏮/⏭) keys
⑬ DIGITAL OUTPUTS connectors
OPTICAL output connector:
COAXIAL output connector:
⑭ OUTPUTS connectors
L/R jacks:
⑮ REMOTE CONTROL IN/OUT jacks
⑯ REMOTE switch
⑰ Power cord

FRANÇAIS

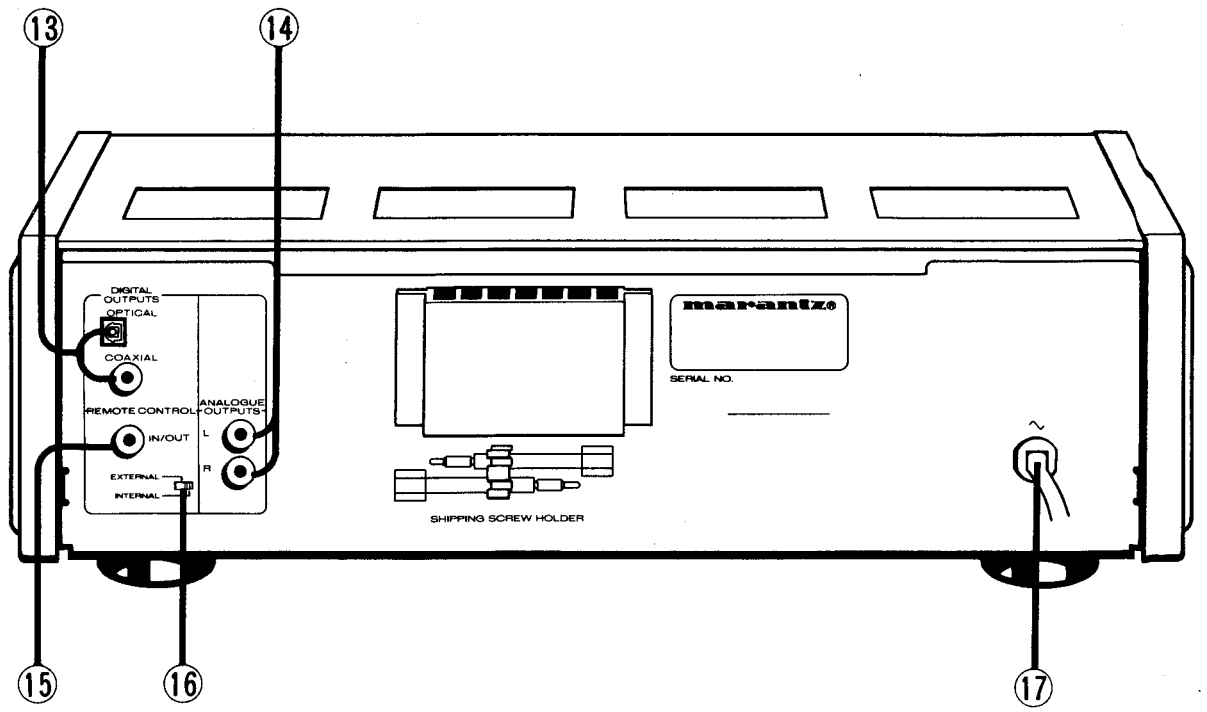
① Interrupteur d'alimentation (POWER)
② Tiroir du disque
③ Panneau d'affichage

Ⓐ Affichage de piste (TRACK)
Ⓑ Affichage d'index (INDEX)
Ⓒ Affichage des minutes/secondes (MIN/SEC)
Ⓓ Indicateurs de temps écoulé/temps restant/temps restant total (LAP TIME/REM TIME/TTL REM TIME)
Ⓔ Indicateur de pistes (DISC TRACK)
Ⓕ Indicateur de présence du disque (DISC)
Ⓖ Indicateur d'erreur (ERROR)
Ⓗ Indicateur de lecture dans un ordre quelconque (SHUFFLE)
Ⓘ Indicateur de rappel (RECALL)
Ⓙ Indicateur de répétition (REPEAT)
Ⓚ Indicateur de sélection des pistes préférées (FTS)
Ⓛ Indicateur de balayage musical automatique (AMS)
Ⓜ Indicateur A ◁▷ B
Ⓝ Témoin de transmission infrarouge
Ⓞ Indicateur de programme

④ Détecteur de lumière infrarouge (IR SENSOR)
⑤ Touche d'ouverture/fermeture (OPEN/CLOSE ⏏)
⑥ Touche de lecture (PLAY ▶)
⑦ Touche de pause (PAUSE ⏸)
⑧ Touche d'arrêt (STOP ■)
⑨ Touche de sélection de pistes préférées (FTS)
⑩ Touche de répétition (REPEAT)
⑪ Touche d'arrêt d'affichage (DISPLAY)
⑫ Touche de passage (TRACK PREV/NEXT ⏮/⏭)
⑬ Connecteurs de sorties numériques (DIGITAL OUTPUTS)
Connecteur de sortie optique (OPTICAL):
Connecteur de sortie coaxiale (COAXIAL):
⑭ Connecteurs de sorties (OUTPUTS) 21
Prises G/D (L/R):
⑮ Prises d'entrée/sortie de télécommande (REMOTE CONTROL IN/OUT)
⑯ Sélecteur de télécommande (REMOTE)
⑰ Cordon d'alimentation


marantz
COMPACT DISC PLAYER CD-10
BITSTREAM CONVERSION
POWER
PLAY
PAUSE
STOP
OPEN/CLOSE
SKIP
FTS
REPEAT
DISPLAY OFF
IR SENSOR
1
2
3
4
5
6
7
8
9
10
11
12

DISC
ERROR
SHUFFLE
RECALL
REPEAT
FTS
AMS
A B
TRACK
INDEX
TTL REM TIME
LAP TIME
MIN
SEC
IR SENSOR
A
B
C
D
E
F
G
H
I
J
K
L
M
N
O


DIGITAL OUTPUTS
OPTICAL
COAXIAL
REMOTE CONTROL
IN/OUT
EXTERNAL
INTERNAL
ANALOGUE OUTPUTS
L
R
marantz
SERIAL NO.
SHIPPING SCREW HOLDER
13
14
15
16
17

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